

**LEGEND**

⊕RXX - RECEIVER SITE  
 ⊕CAL - CALIBRATION SITE  
 ⊕LT - LONG-TERM MEASUREMENT  
 ⊕ST - SHORT-TERM MEASUREMENT

SFR OR S - SINGLE FAMILY RESIDENCE  
 MFR OR M - MULTI-FAMILY RESIDENCE  
 COMM OR C - COMMERCIAL/NO OUTSIDE ACTIVITIES  
 b - BENEFITED RESIDENCE  
 ⊕HXX - IN/OUTDOOR MEASUREMENT

— — — — — EXISTING PROPERTY WALL  
 — — — — — EXISTING SOUNDWALL  
 — — — — — PROPOSED SOUNDWALL  
 — — — — — REPLACEMENT IN KIND SOUNDWALL  
 — — — — — NON-REASONABLE SOUNDWALL  
 — — — — — RETAINING WALL  
 — — — — — SAFETY BARRIER

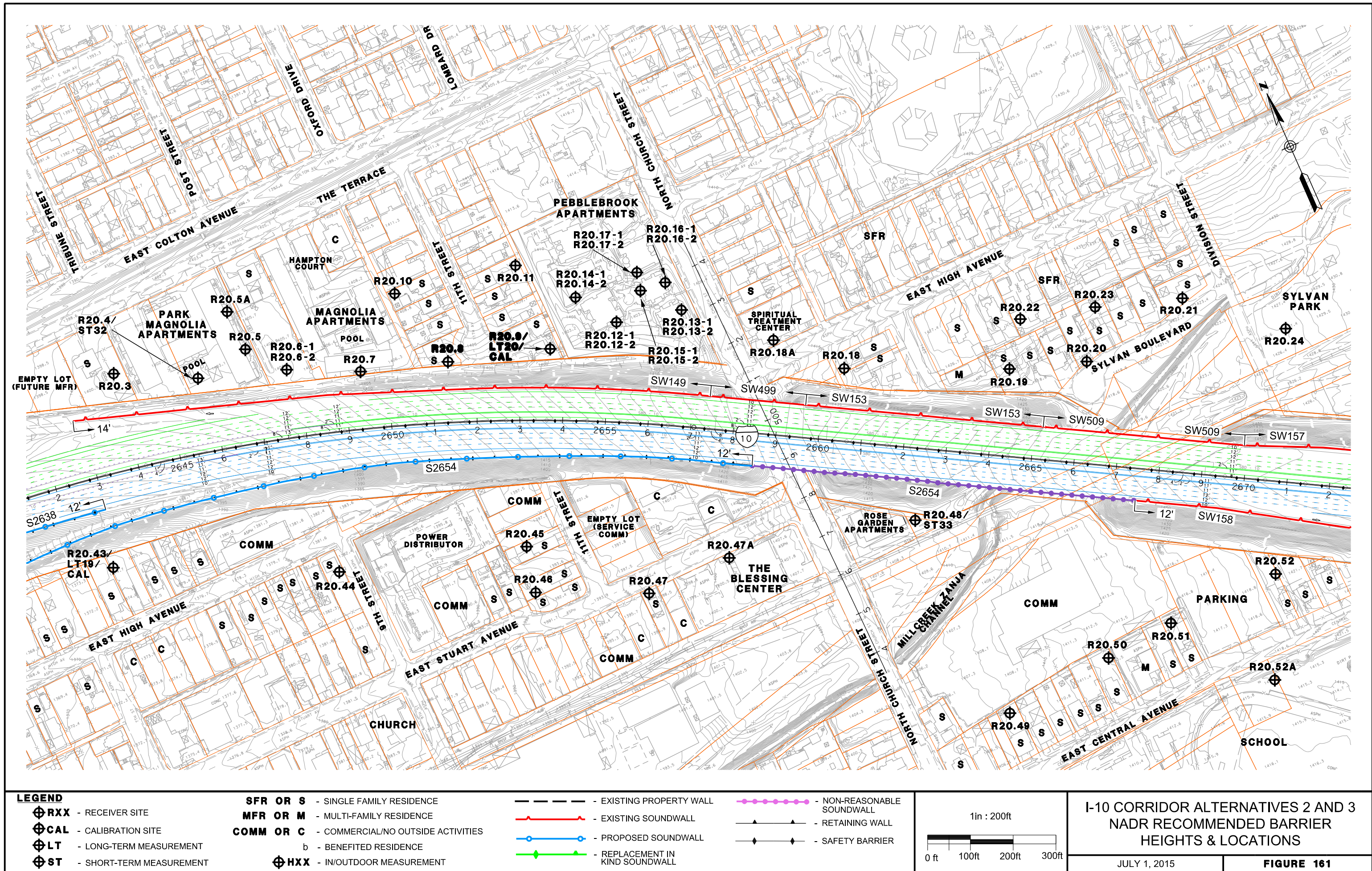
1in : 200ft

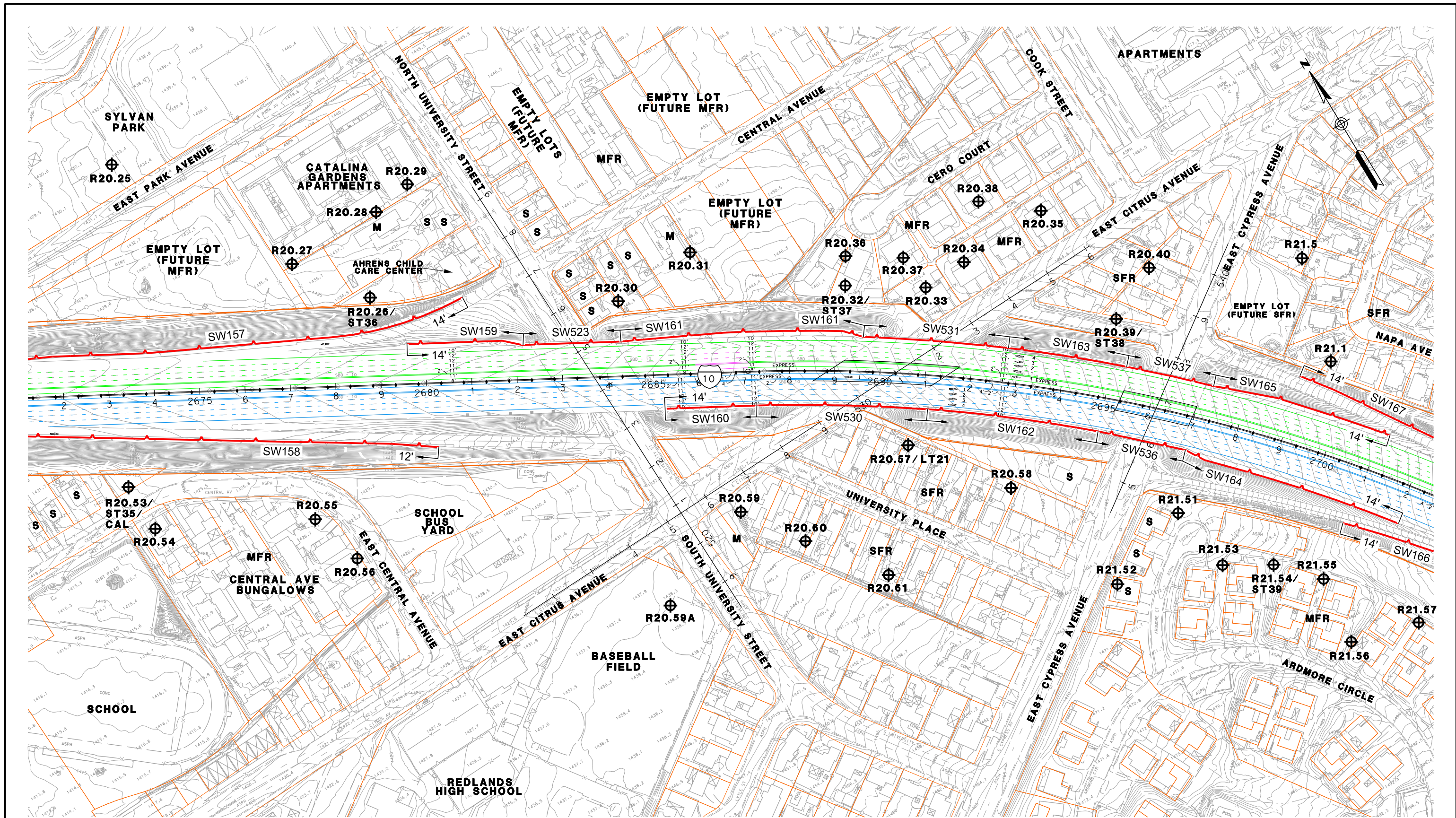
0 ft 100ft 200ft 300ft

I-10 CORRIDOR ALTERNATIVES 2 AND 3  
 NADR RECOMMENDED BARRIER  
 HEIGHTS & LOCATIONS

JULY 1, 2015

FIGURE 160

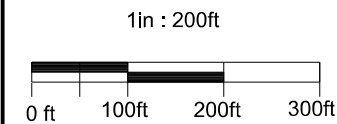




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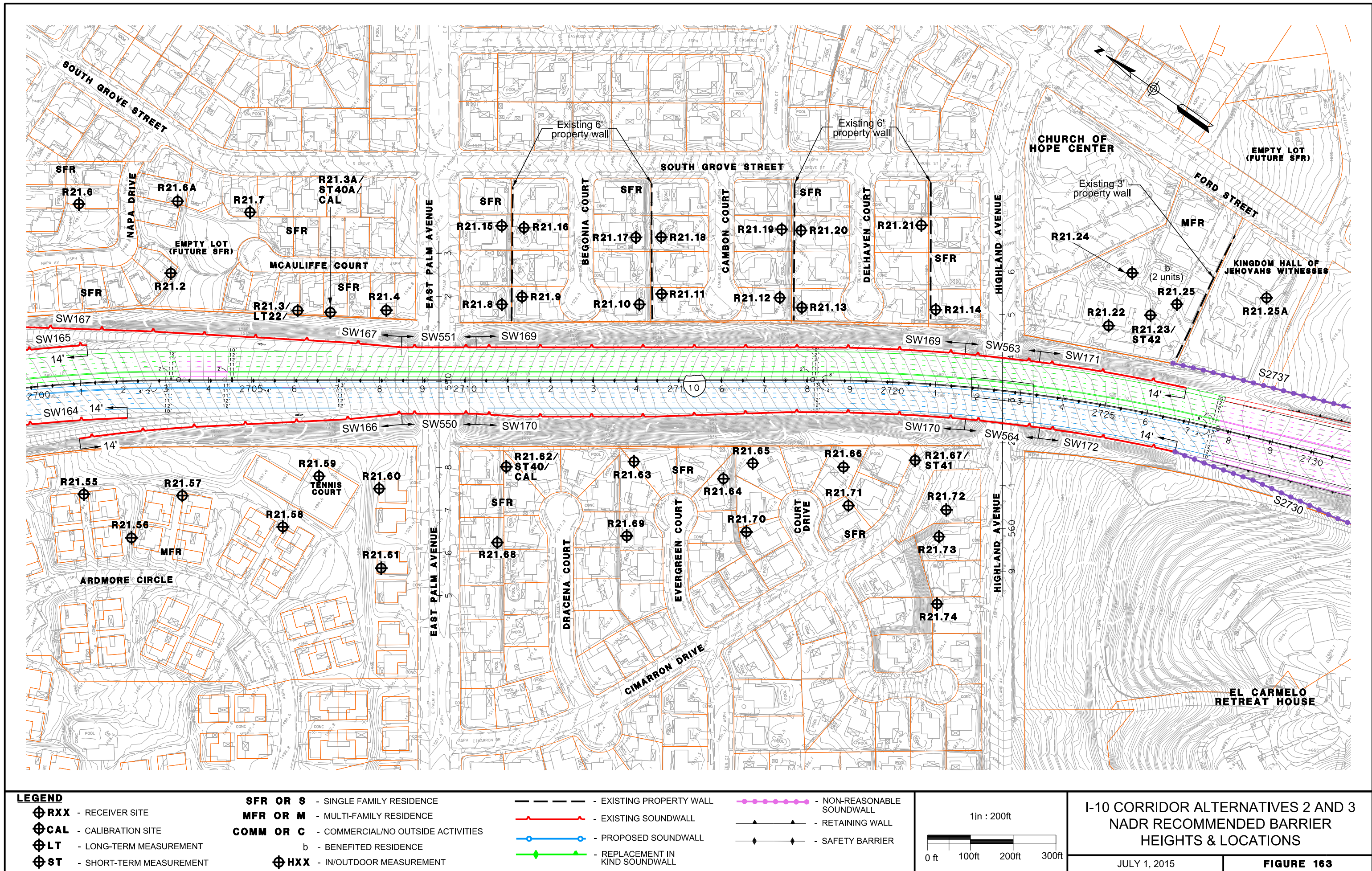
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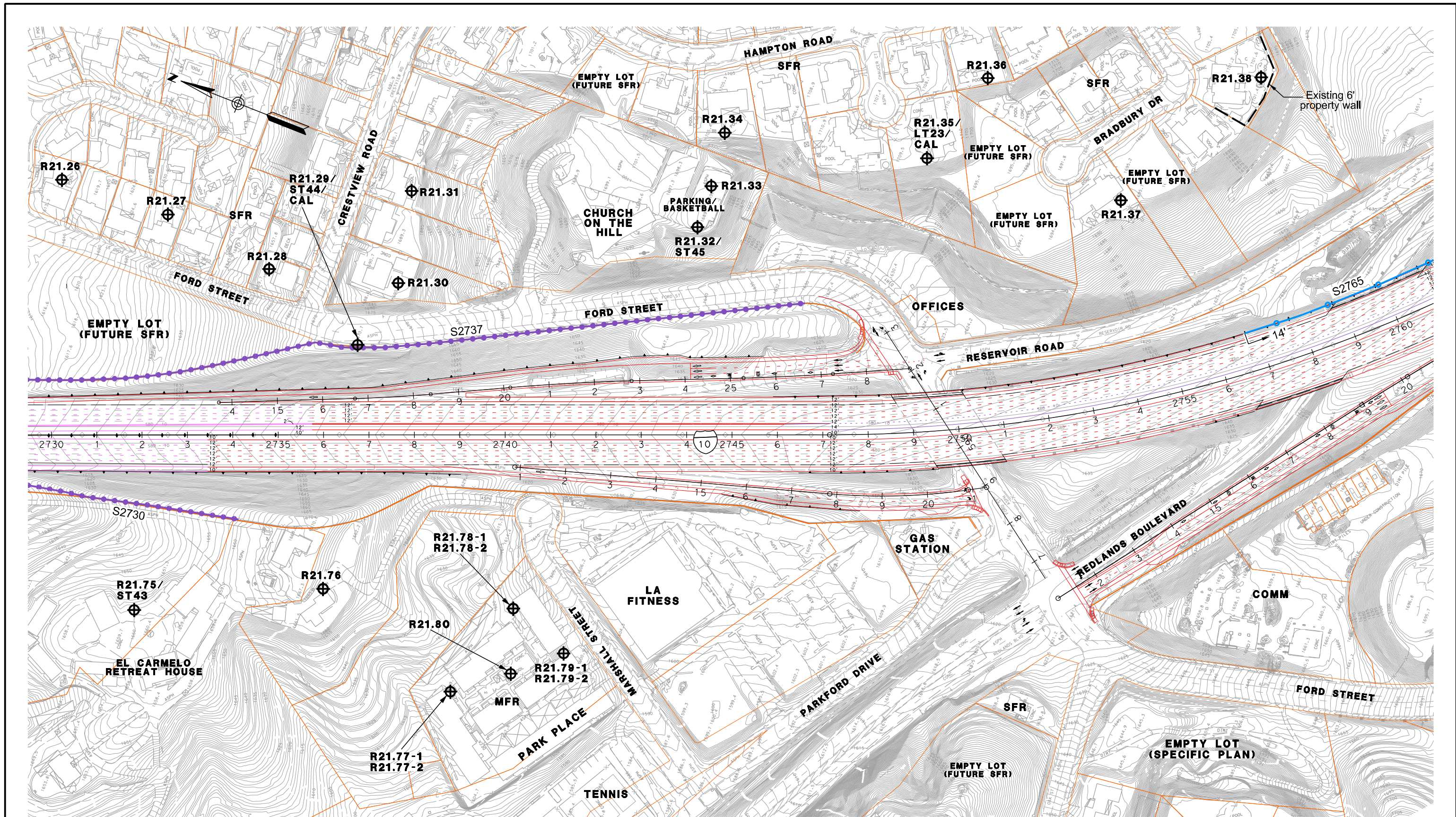


**I-10 CORRIDOR ALTERNATIVES 2 AND 3  
NADR RECOMMENDED BARRIER  
HEIGHTS & LOCATIONS**

JULY 1, 2015

**FIGURE 162**



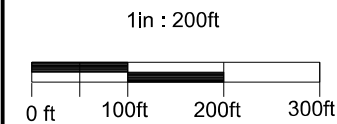


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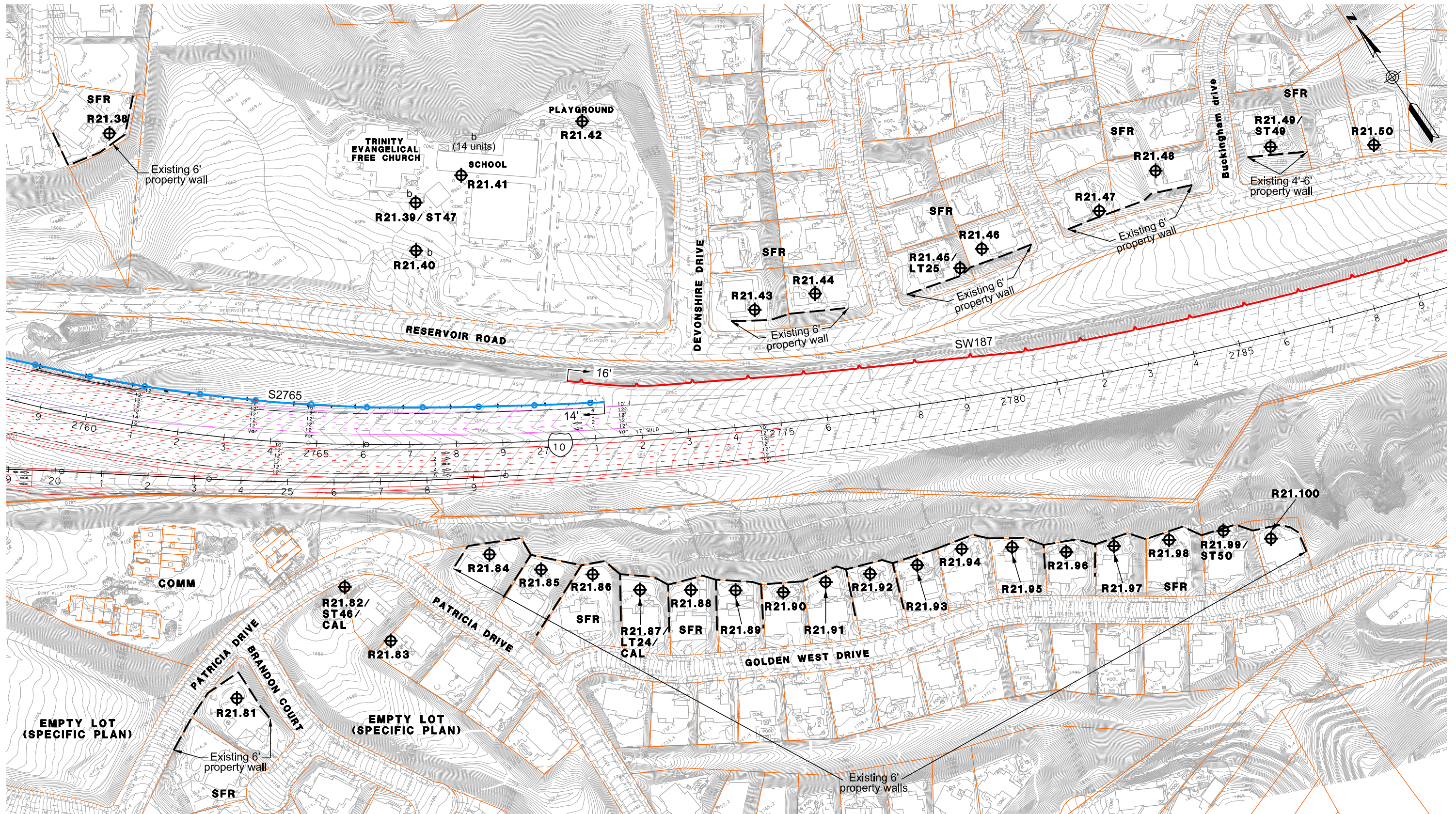
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**I-10 CORRIDOR ALTERNATIVES 2 AND 3  
NADR RECOMMENDED BARRIER  
HEIGHTS & LOCATIONS**

JULY 1, 2015

**FIGURE 164**



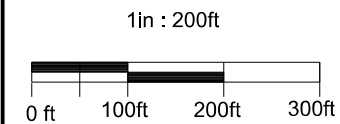
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## I-10 CORRIDOR ALTERNATIVES 2 AND 3 NADR RECOMMENDED BARRIER HEIGHTS & LOCATIONS

JULY 1, 2015

FIGURE 165

**Appendix B** Alternative 3 – Figures  
Showing Recommended  
Barrier Heights and Locations

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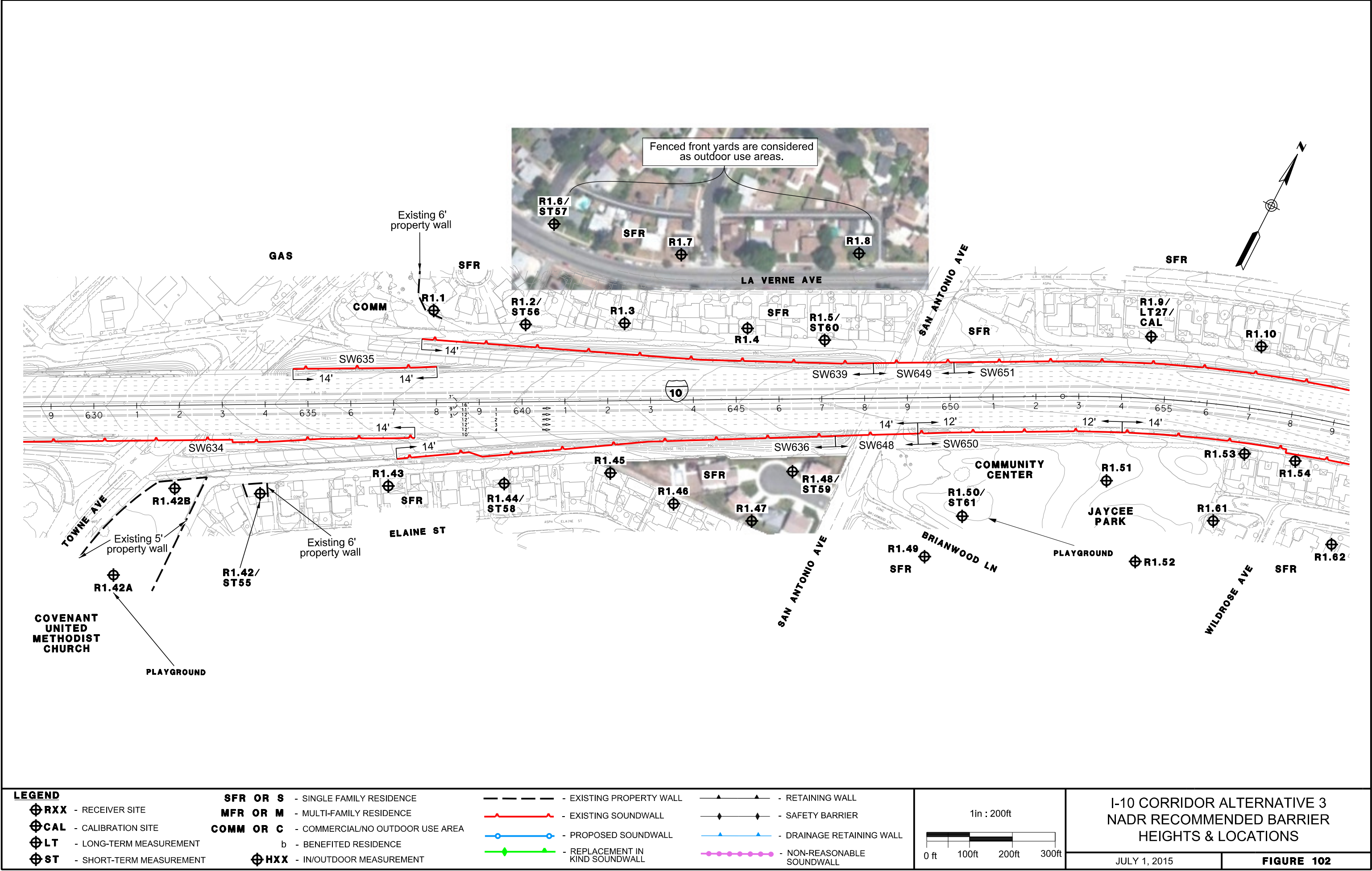


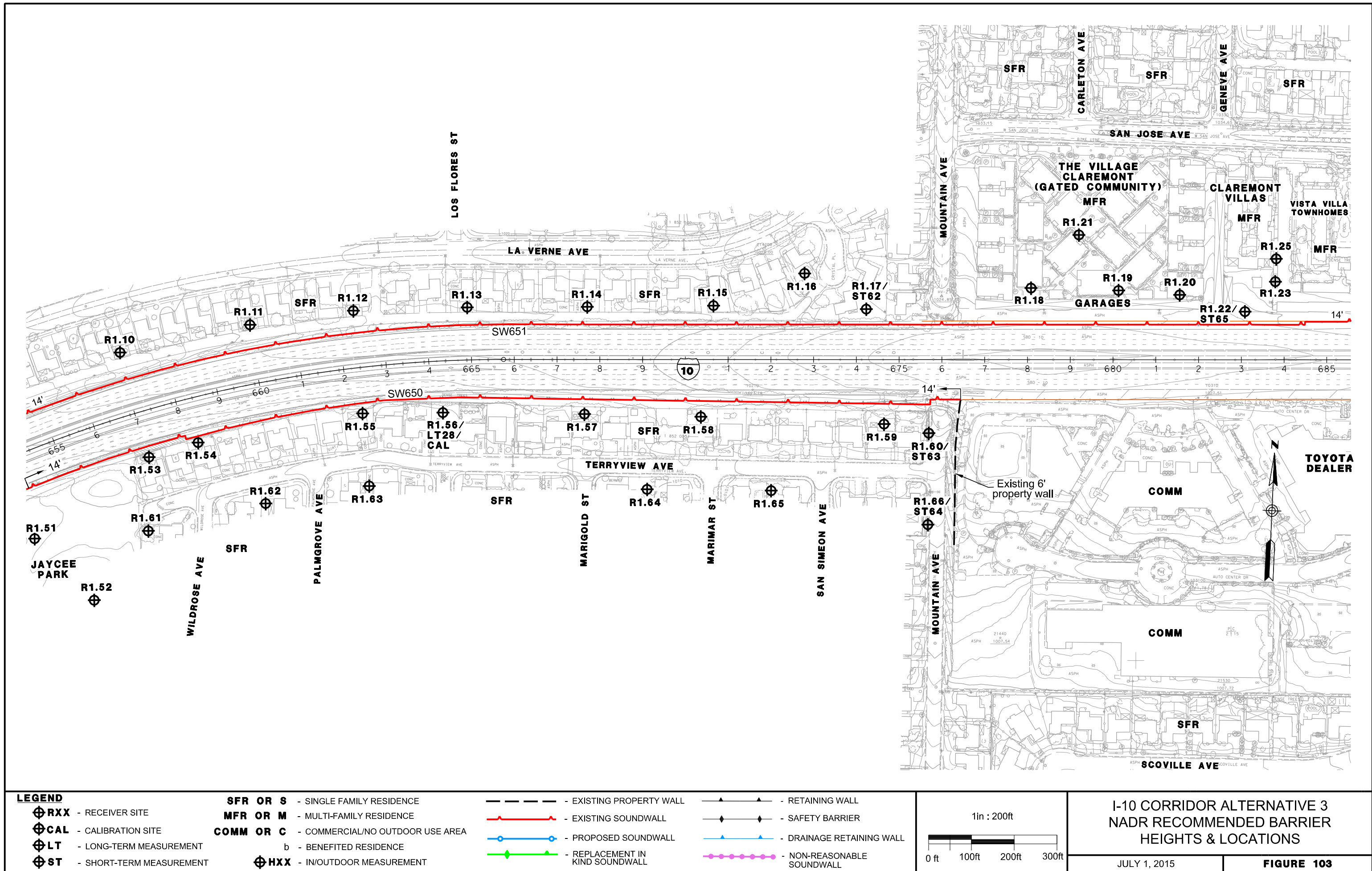
**TABLE 2 – Noise Abatement Information (Alternative 3)**

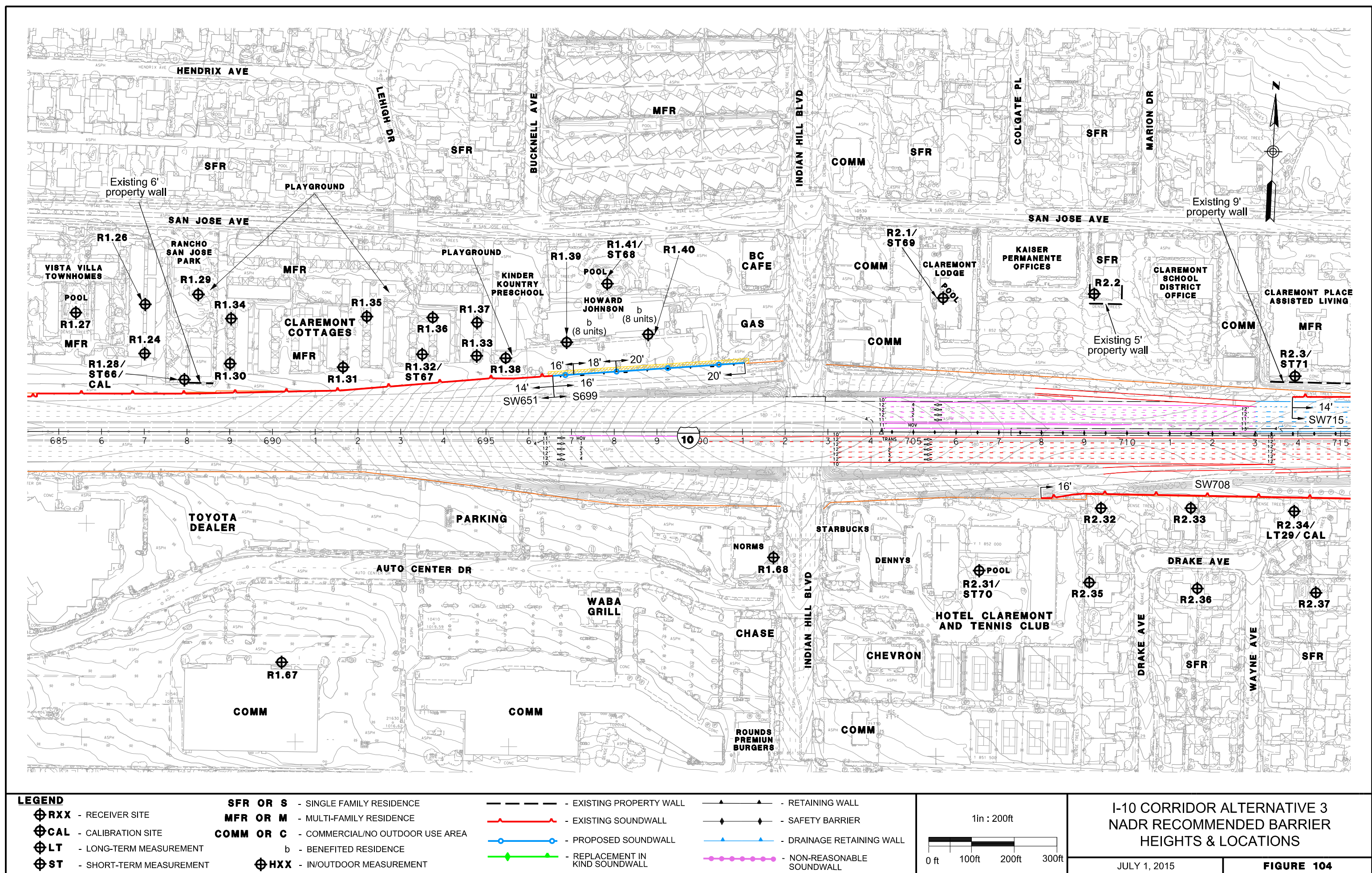
| <b>Barrier</b> | <b>Height<br/>(feet)</b> | <b>Acoustically<br/>Feasible?</b> | <b>Number of<br/>Benefited<br/>Residences</b> | <b>Total<br/>Reasonable<br/>Allowance</b> | <b>Masonry<br/>Estimated<br/>Construction<br/>Cost</b> | <b>Cost Less<br/>than<br/>Allowance</b> | <b>Preliminary<br/>Noise<br/>Abatement<br/>Decision</b> |
|----------------|--------------------------|-----------------------------------|---|---|--|---|---|
| S699           | 16- 18- 20               | Yes                               | 16  | \$1,136,000                               | \$406,100  | Yes                                     | Reasonable  |
| SW2            | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW6            | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW10           | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW29           | 16                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW30           | 12                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW66           | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW68           | 10                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW94           | 8- 14                    | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| S1117          | 12                       | Yes                               | 4   | \$284,000                                 | \$101,200  | Yes                                     | Reasonable  |
| S1132          | 14                       | Yes                               | 2   | \$142,000                                 | \$132,600  | Yes                                     | Reasonable  |
| S1190          | 12                       | Yes                               | 20  | \$1,420,000                               | \$326,800  | Yes                                     | Reasonable  |
| SW230          | 14- 16                   | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| S1244          | 14                       | N/A                               | 0   | N/A                                       | N/A  | N/A                                     | Reasonable  |
| SW246          | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW231          | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW245          | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| S1262          | 14                       | Yes                               | 1   | \$71,000                                  | \$67,400   | Yes                                     | Reasonable  |
| S1266          | 12                       | Yes                               | 3   | \$213,000                                 | \$90,940   | Yes                                     | Reasonable  |
| SW259          | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW275          | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| S1285          | 14                       | Yes                               | 25  | \$1,775,000                               | \$91,830   | Yes                                     | Reasonable  |
| S21            | 12                       | Yes                               | 2   | \$142,000                                 | \$167,400  | No                                      | Not Reasonable  |
| S1276          | 10                       | Yes                               | 3   | \$213,000                                 | \$24,990   | Yes                                     | Reasonable  |
| SW278          | 14- 16                   | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| S1306          | 8- 10- 12- 14            | Yes                               | 84  | \$5,964,000                               | \$638,100  | Yes                                     | Reasonable  |
| SW296          | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW334          | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| SW697          | 14                       | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| S1708          | 24                       | Yes                               | 2   | \$142,000                                 | \$242,200  | No                                      | Not Reasonable  |
| S1748          | 24                       | Yes                               | 3   | \$213,000                                 | \$457,300  | No                                      | Not Reasonable  |
| S1818          | 22                       | Yes                               | 9   | \$639,000                                 | \$472,700  | Yes                                     | Reasonable  |
| S1819          | 16- 18                   | Yes                               | 33  | \$2,343,000                               | \$999,100  | Yes                                     | Reasonable  |
| S1833          | 14                       | Yes                               | 4   | \$284,000                                 | \$308,000  | Yes*                                    | Reasonable*   |
| S1877          | 14- 16                   | Yes                               | 72  | \$5,112,000                               | \$635,800  | Yes                                     | Reasonable  |
| S1907          | 16                       | Yes                               | 63  | \$4,473,000                               | \$1,707,000  | Yes                                     | Reasonable  |
| S1934          | 16                       | Yes                               | 3   | \$142,000                                 | \$330,800  | No                                      | Not Reasonable  |
| S1969          | 12                       | Yes                               | 2   | \$142,000                                 | \$132,400  | Yes                                     | Reasonable  |
| S2033          | 20                       | Yes                               | 4   | \$284,000                                 | \$268,900  | Yes                                     | Reasonable  |
| S2079          | 18                       | Yes                               | 4   | \$284,000                                 | \$525,500  | No                                      | Not Reasonable  |
| S2145          | 14- 16                   | Yes                               | 43  | \$3,053,000                               | \$772,800  | Yes                                     | Reasonable  |
| SW5            | 8- 10- 12                | No                                | N/A   | N/A                                       | N/A  | N/A                                     | Replace in-kind   |
| S2238          | 14- 16                   | Yes                               | 46  | \$3,266,000                               | \$601,700  | Yes                                     | Reasonable  |

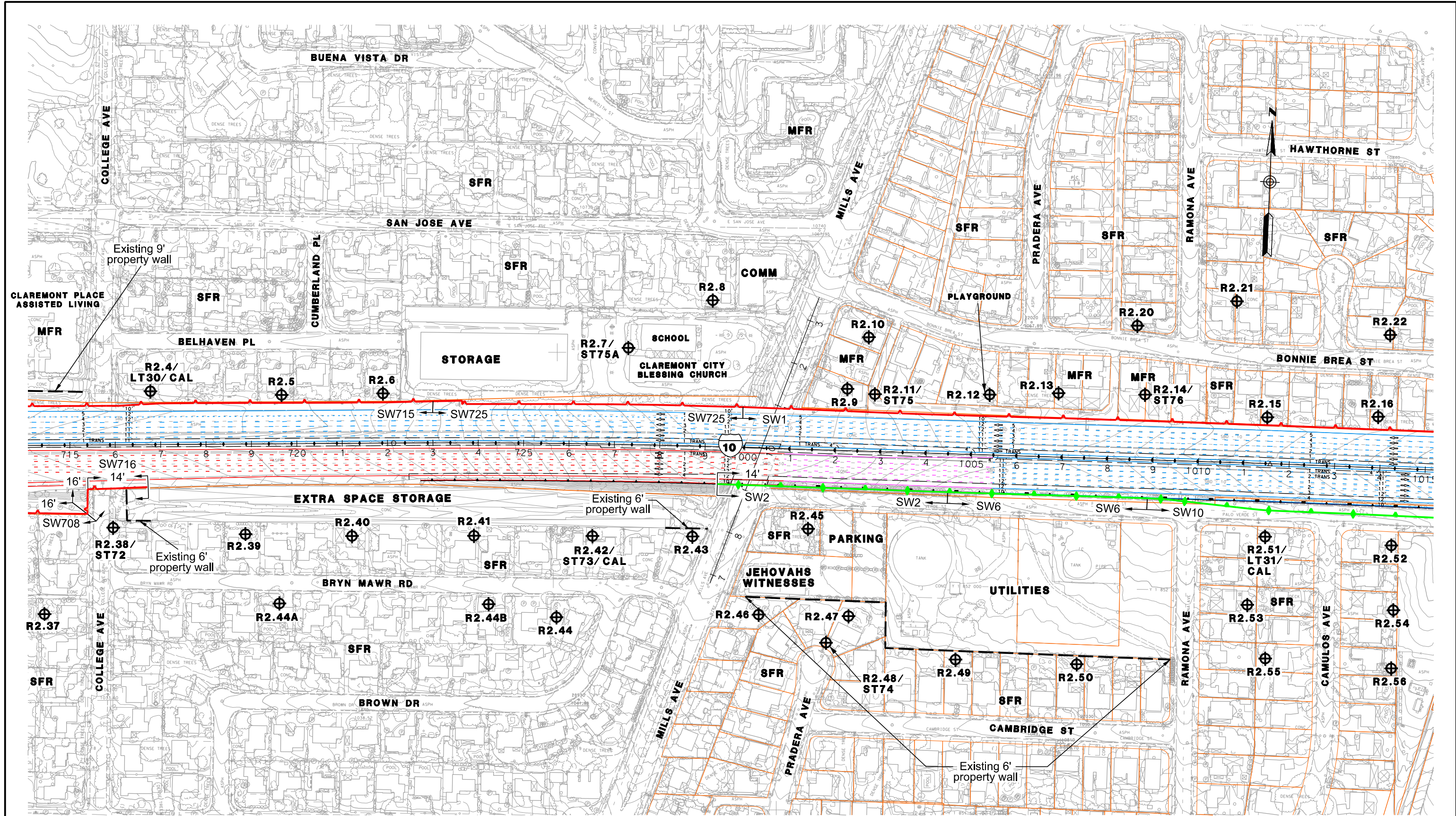
| Barrier | Height (feet)      | Acoustically Feasible? | Number of Benefited Residences | Total Reasonable Allowance | Masonry Estimated Construction Cost | Cost Less than Allowance | Preliminary Noise Abatement Decision |
|---------|--------------------|------------------------|--------------------------------|----------------------------|-------------------------------------|--------------------------|--------------------------------------|
| S2382   | 12                 | Yes                    | 1                              | \$71,000                   | \$466,000                           | No                       | Not Reasonable                       |
| S2384   | 14                 |                        |                                |                            |                                     |                          |                                      |
| S2434A  | 14- 16             | Yes                    | 40                             | \$2,840,000                | \$1,010,200                         | Yes                      | Reasonable                           |
| S2438   | 14                 |                        |                                |                            |                                     |                          |                                      |
| S2434B  | 12- 14             | Yes                    | 38                             | \$2,698,000                | \$759,800                           | Yes                      | Reasonable                           |
| S2438   | 12                 |                        |                                |                            |                                     |                          |                                      |
| S2435   | 14                 | Yes                    | 15                             | \$1,065,000                | \$331,900                           | Yes                      | Reasonable                           |
| S2437   | 14                 |                        |                                |                            |                                     |                          |                                      |
| S2476   | 14                 | Yes                    | 76                             | \$5,396,000                | \$437,200                           | Yes                      | Reasonable                           |
| S2619   | 10- 12- 14         | Yes                    | 17                             | \$1,207,000                | \$1,284,000                         | Yes*                     | Reasonable*                          |
| S2638A  | 12-                | Yes                    | 20                             | \$1,420,000                | \$2,013,900                         | No                       | Not Reasonable                       |
| S2654A  | 10- 12             |                        |                                |                            |                                     |                          |                                      |
| S2638B  | 12                 | Yes                    | 11                             | \$781,000                  | \$808,800                           | Yes*                     | Reasonable*                          |
| S2654B  | 12                 |                        |                                |                            |                                     |                          |                                      |
| S2730   | 12- 14- 16- 18- 20 | Yes                    | 1                              | \$71,000                   | \$386,100                           | No                       | Not Reasonable                       |
| S2737   | 16- 18- 20- 22- 24 | Yes                    | 5                              | \$355,000                  | \$1,118,000                         | No                       | Not Reasonable                       |
| S2765   | 14                 | Yes                    | 16                             | \$1,136,000                | \$557,900                           | Yes                      | Reasonable                           |

\*Although estimated construction cost is greater than total reasonable allowance, the difference is within 10% of the allowance; therefore, the cost is considered less than the allowance.







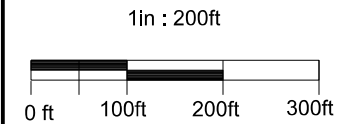


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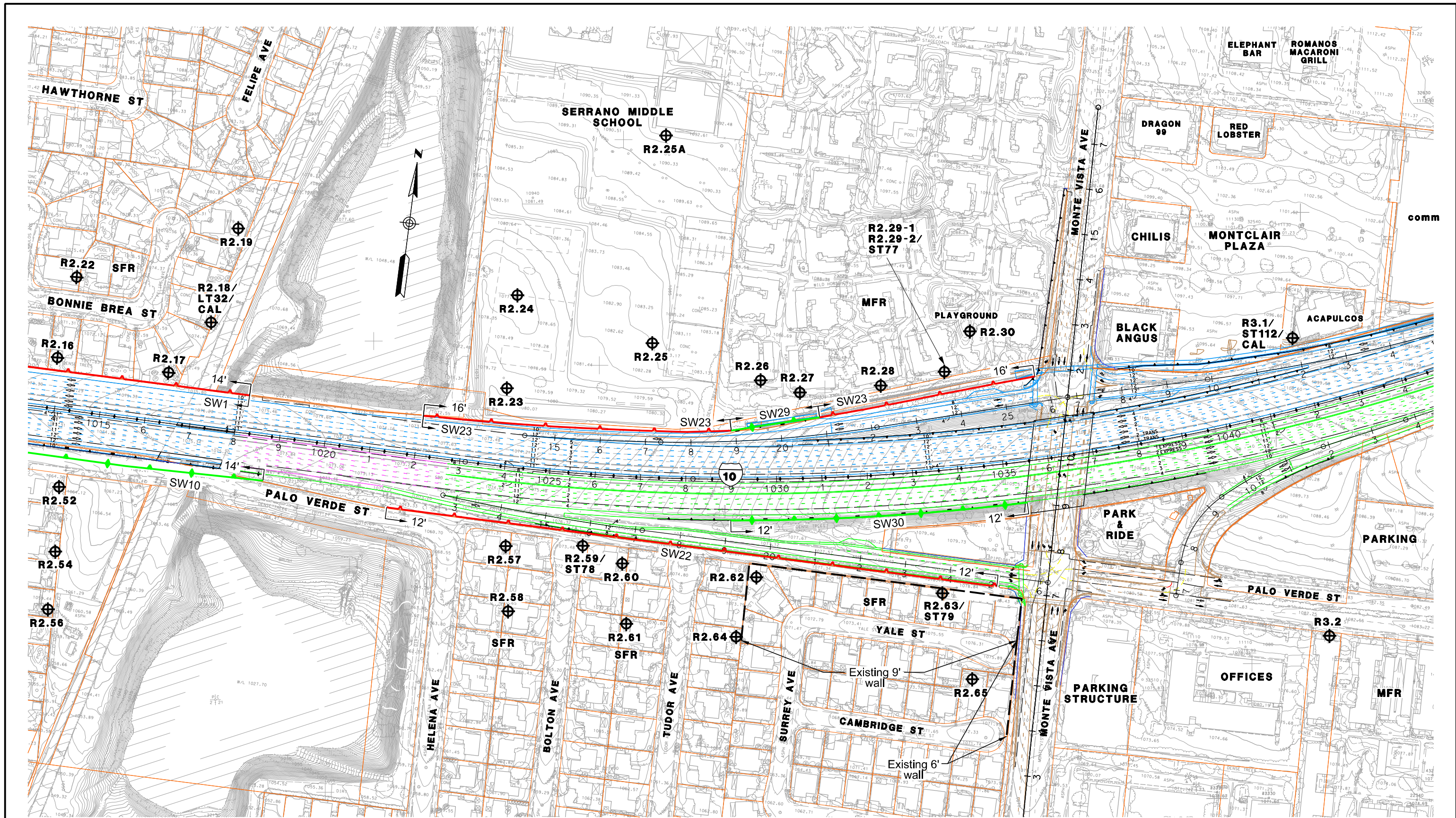
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**I-10 CORRIDOR ALTERNATIVE 3  
NADR RECOMMENDED BARRIER  
HEIGHTS & LOCATIONS**

JULY 1, 2015

**FIGURE 105**

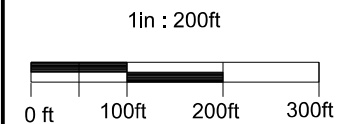


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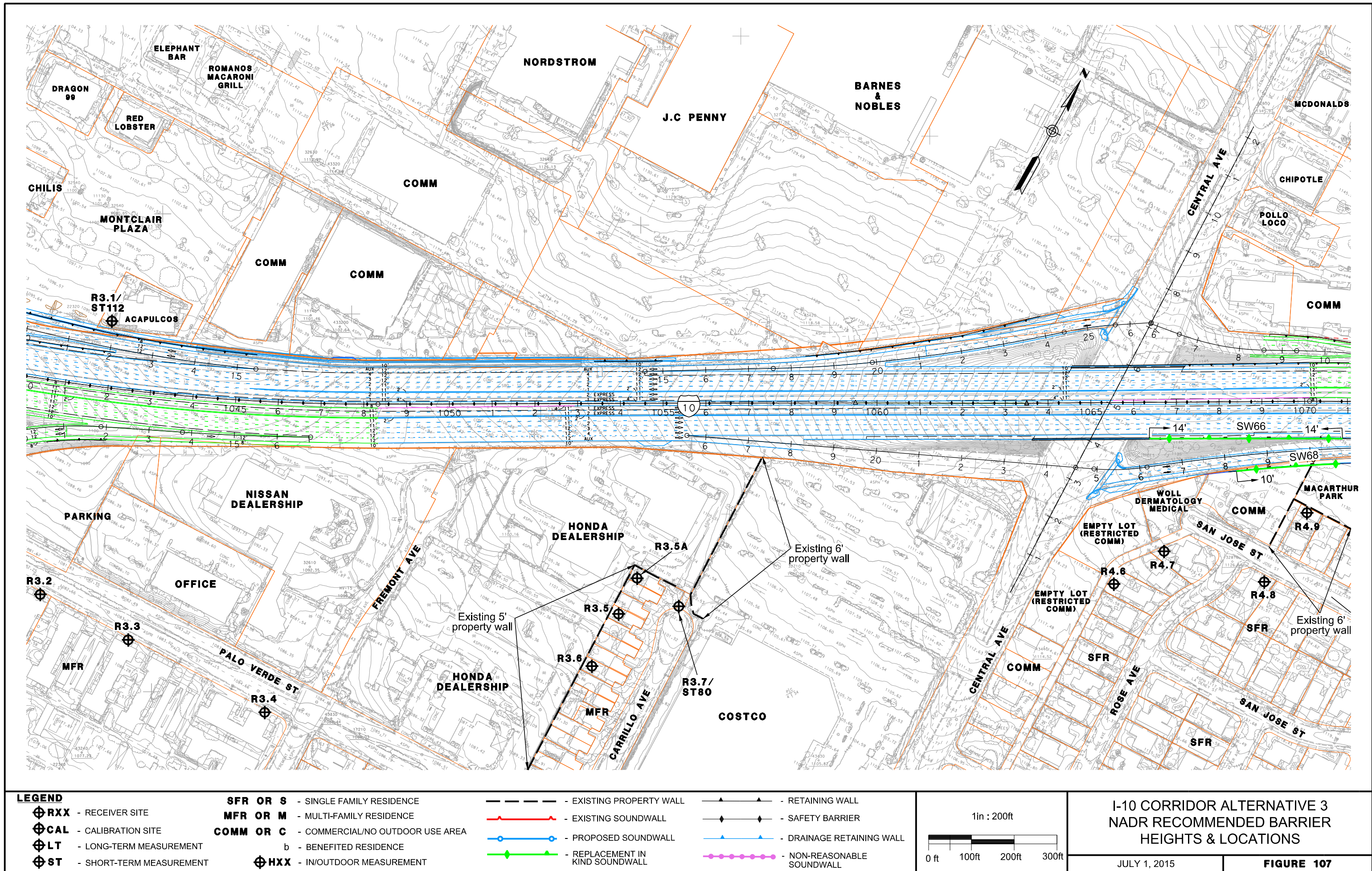
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I-10 CORRIDOR ALTERNATIVE 3  
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JULY 1, 2015

FIGURE 106





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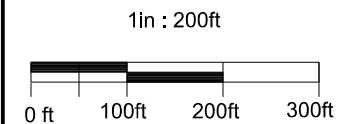
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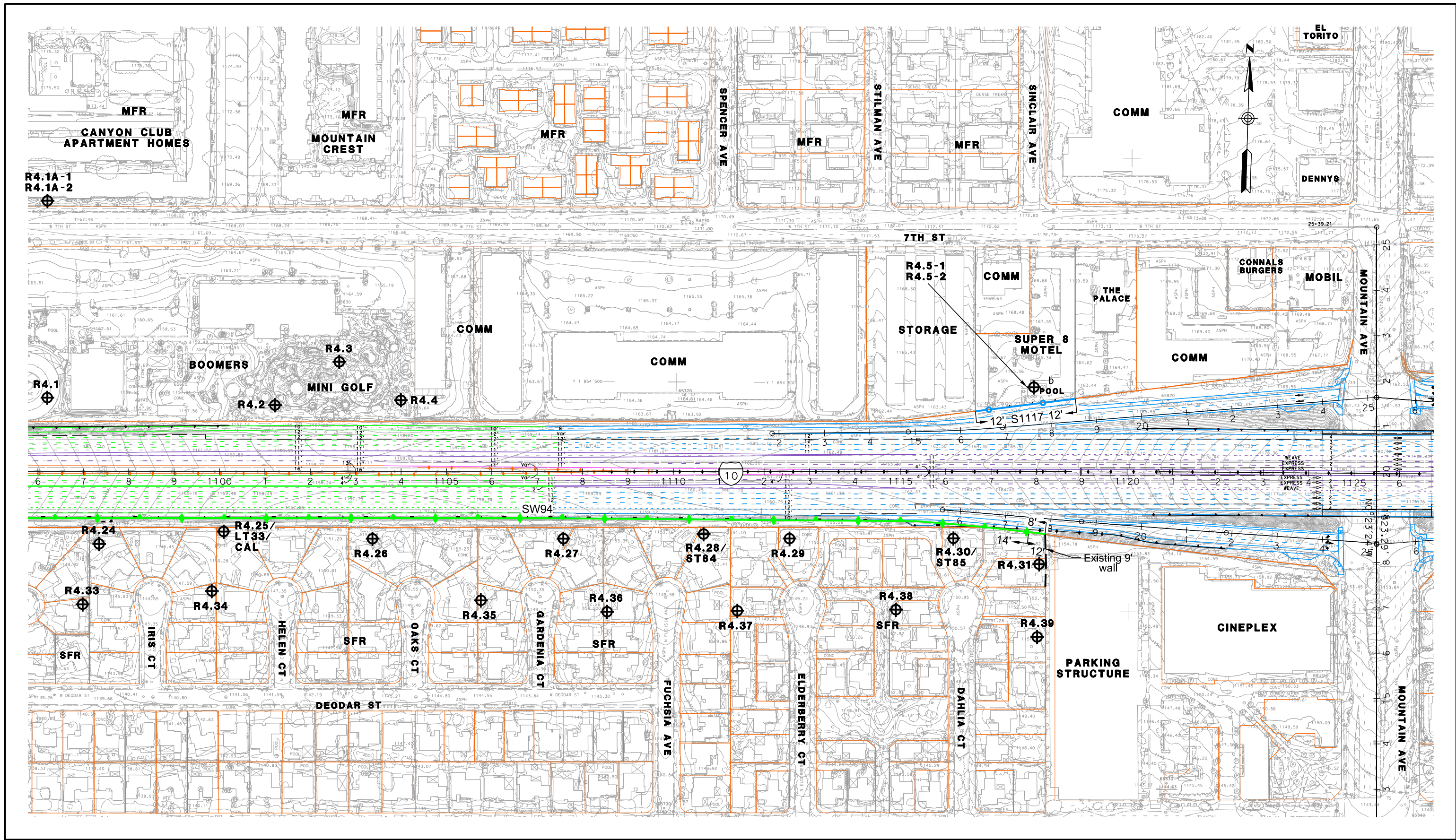
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I-10 CORRIDOR ALTERNATIVE 3  
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JULY 1, 2015

FIGURE 108



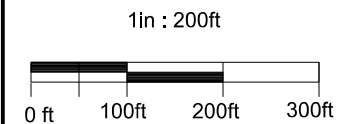
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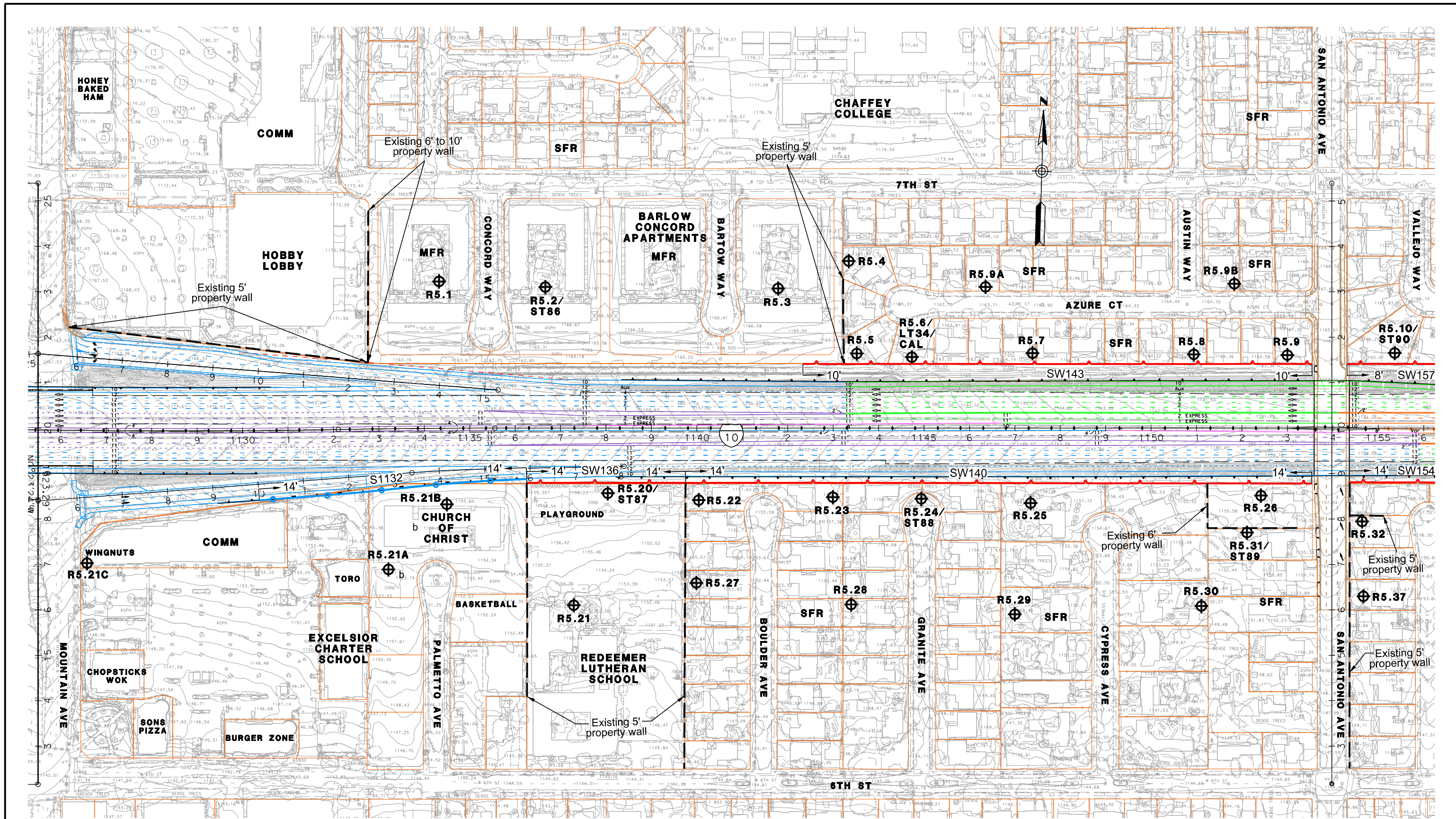
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I-10 CORRIDOR ALTERNATIVE 3  
NADR RECOMMENDED BARRIER  
HEIGHTS & LOCATIONS

JULY 1, 2015

FIGURE 109



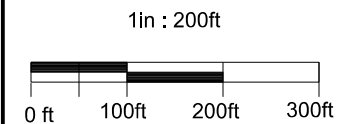
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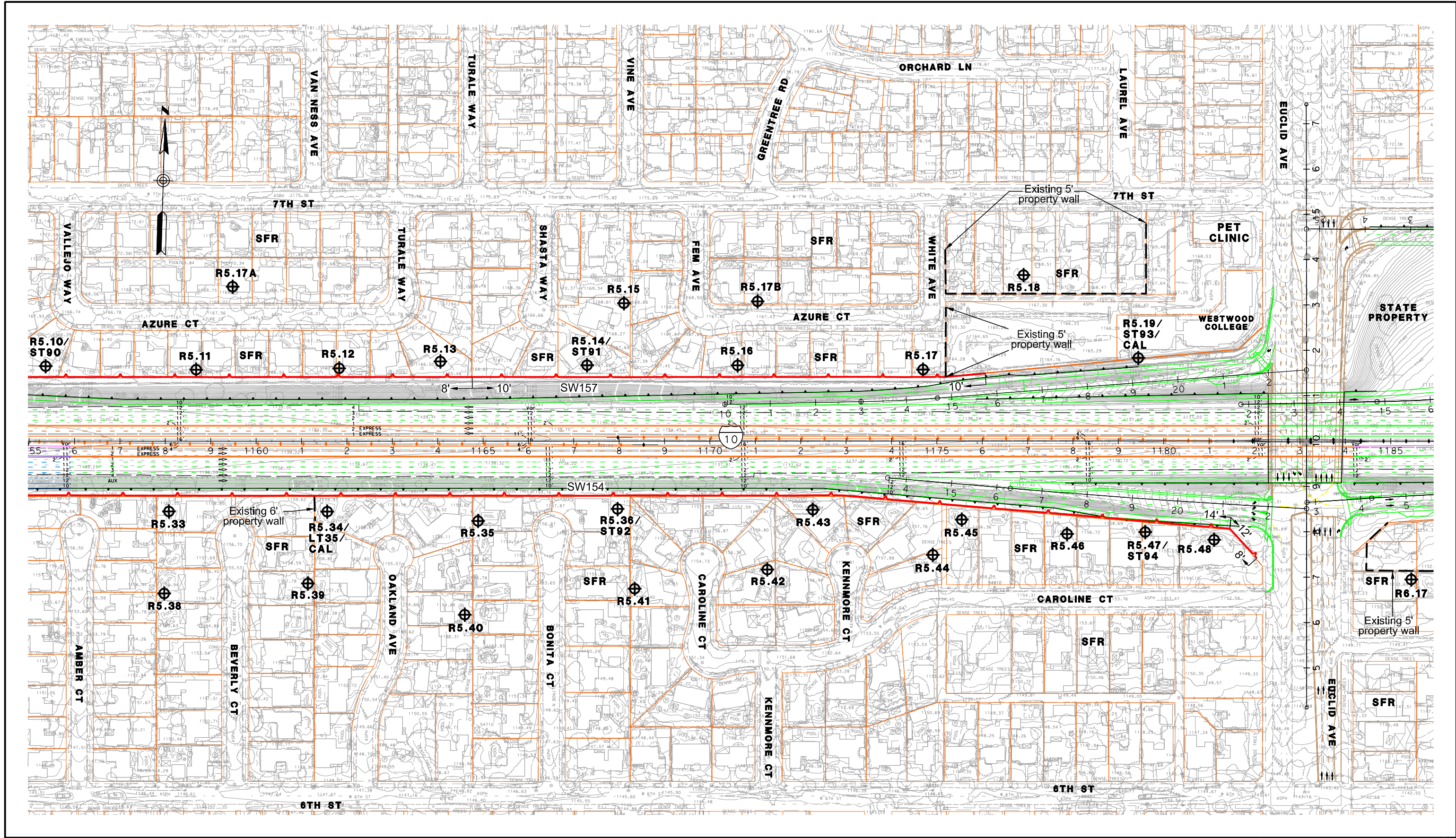
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**I-10 CORRIDOR ALTERNATIVE 3  
NADR RECOMMENDED BARRIER  
HEIGHTS & LOCATIONS**

JULY 1, 2015

**FIGURE 110**



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1in : 200ft

0 ft 100ft 200ft 300ft

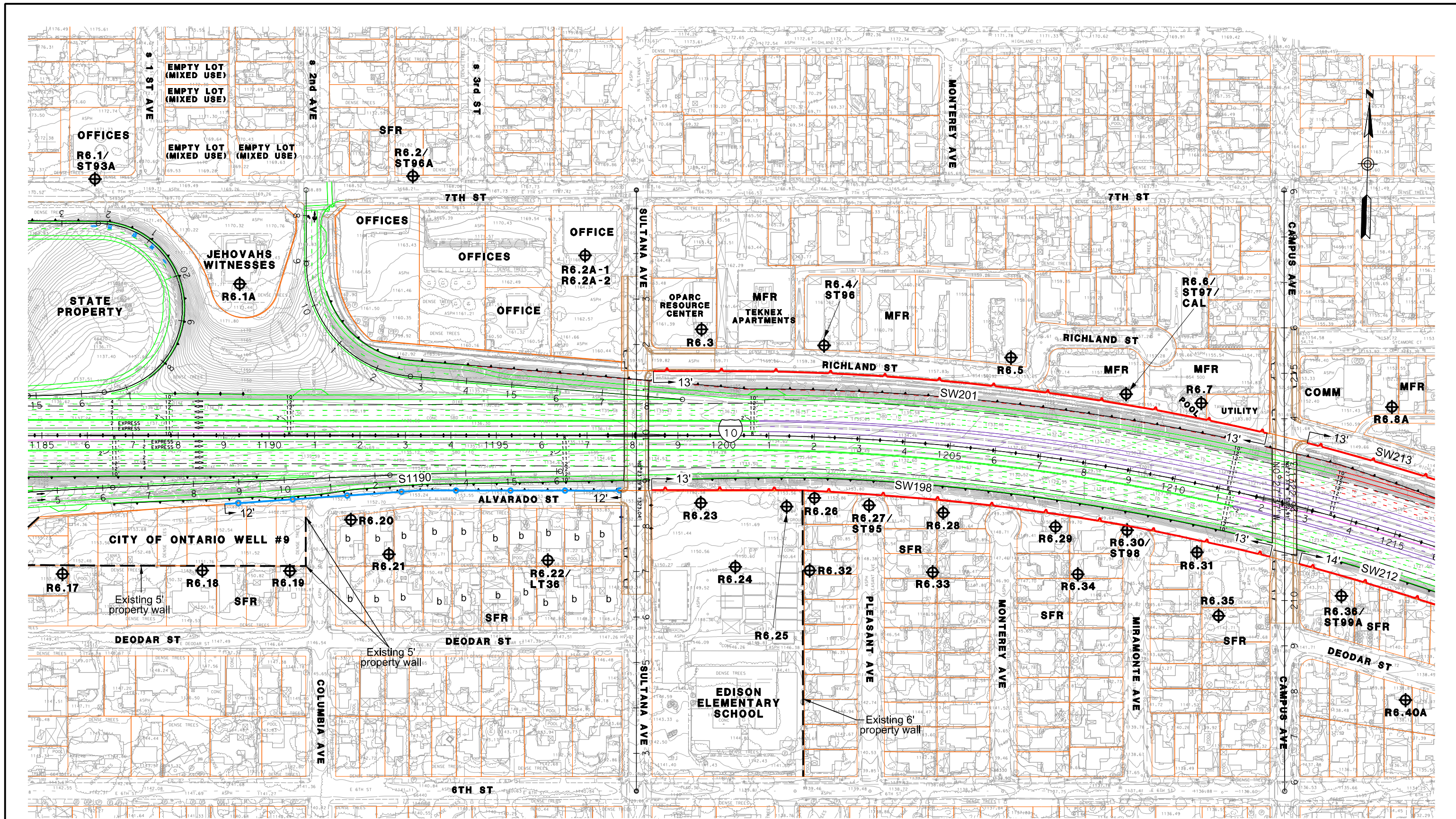
**I-10 CORRIDOR ALTERNATIVE 3**

**NADR RECOMMENDED BARRIER**

**HEIGHTS & LOCATIONS**

JULY 1, 2015

**FIGURE 111**



**LEGEND**

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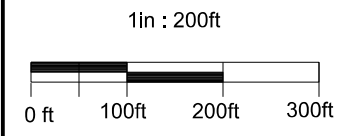
— — — — — REPLACEMENT IN KIND SOUNDWALL

— — — — — RETAINING WALL

— — — — — SAFETY BARRIER

— — — — — DRAINAGE RETAINING WALL

— — — — — NON-REASONABLE SOUNDWALL



I-10 CORRIDOR ALTERNATIVE 3  
NADR RECOMMENDED BARRIER  
HEIGHTS & LOCATIONS

JULY 1, 2015

FIGURE 112

